

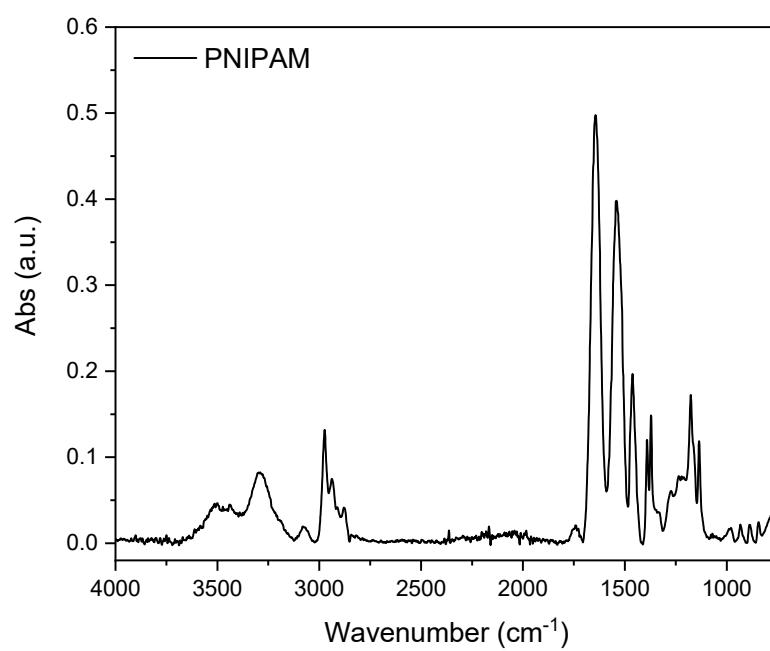
# Supplementary Materials of: “Keratin/PNIPAM hybrid microgels: preparation, morphology and swelling properties”

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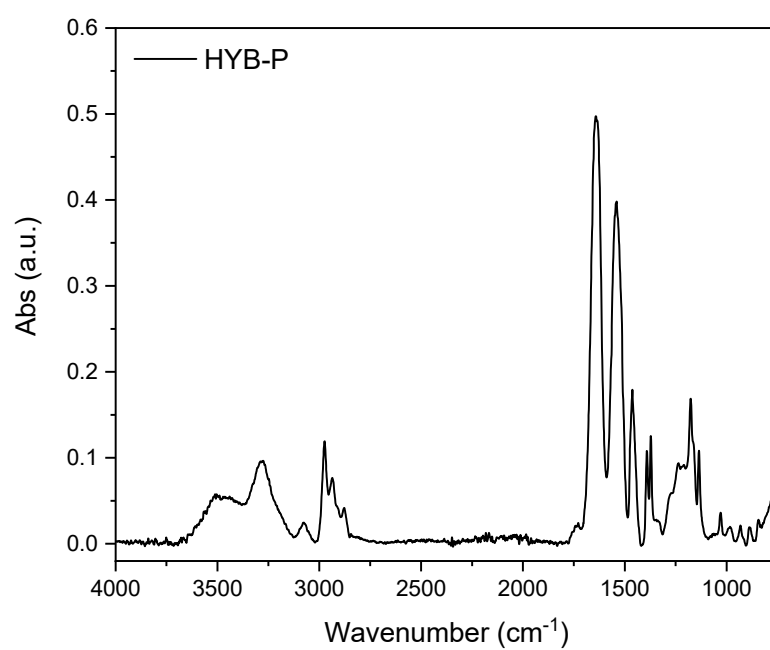
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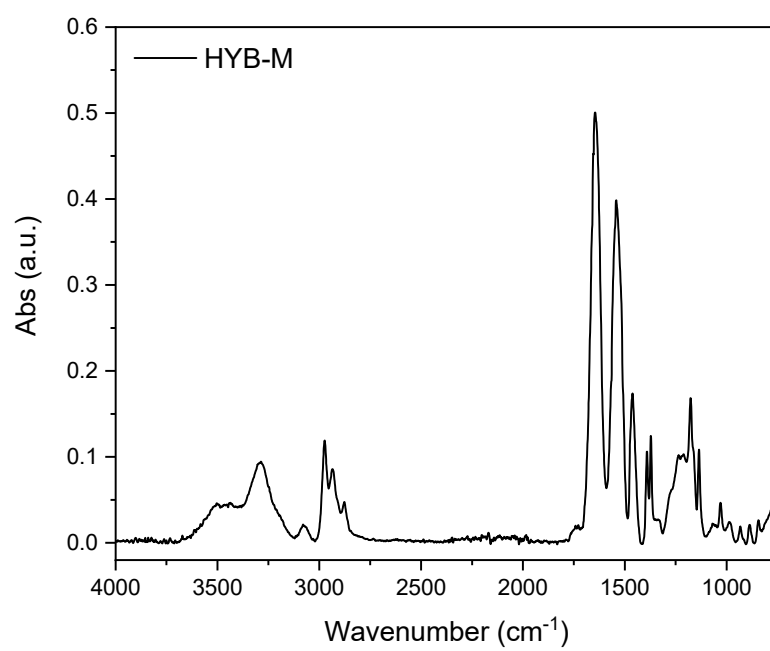
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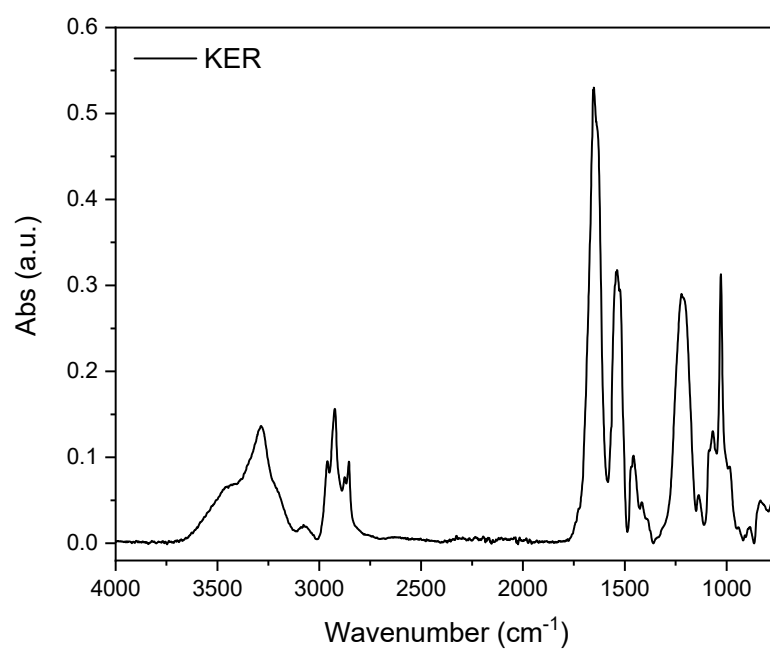
**Figure S1.** ATR spectrum of PNIPAM



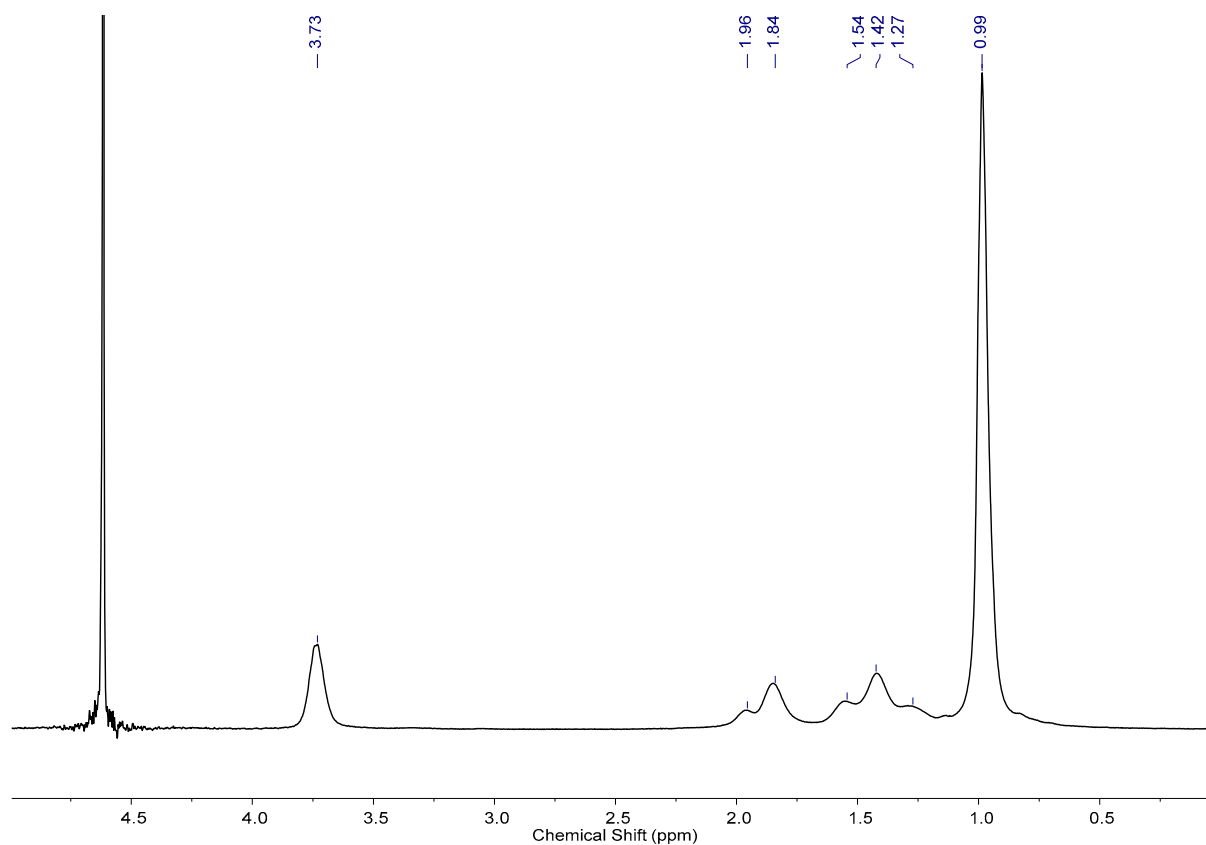
**Figure S2.** ATR spectrum of HYB-P



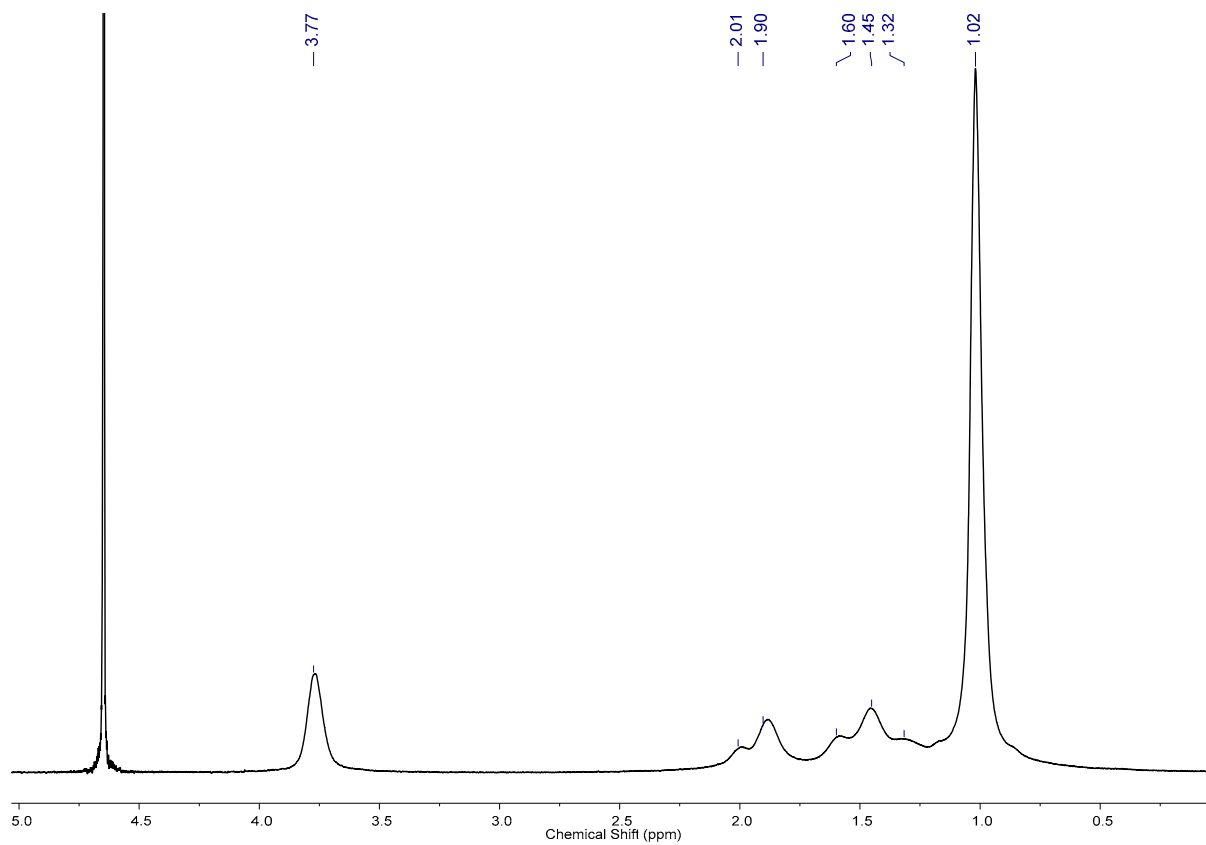
**Figure S3.** ATR spectrum of HYB-M



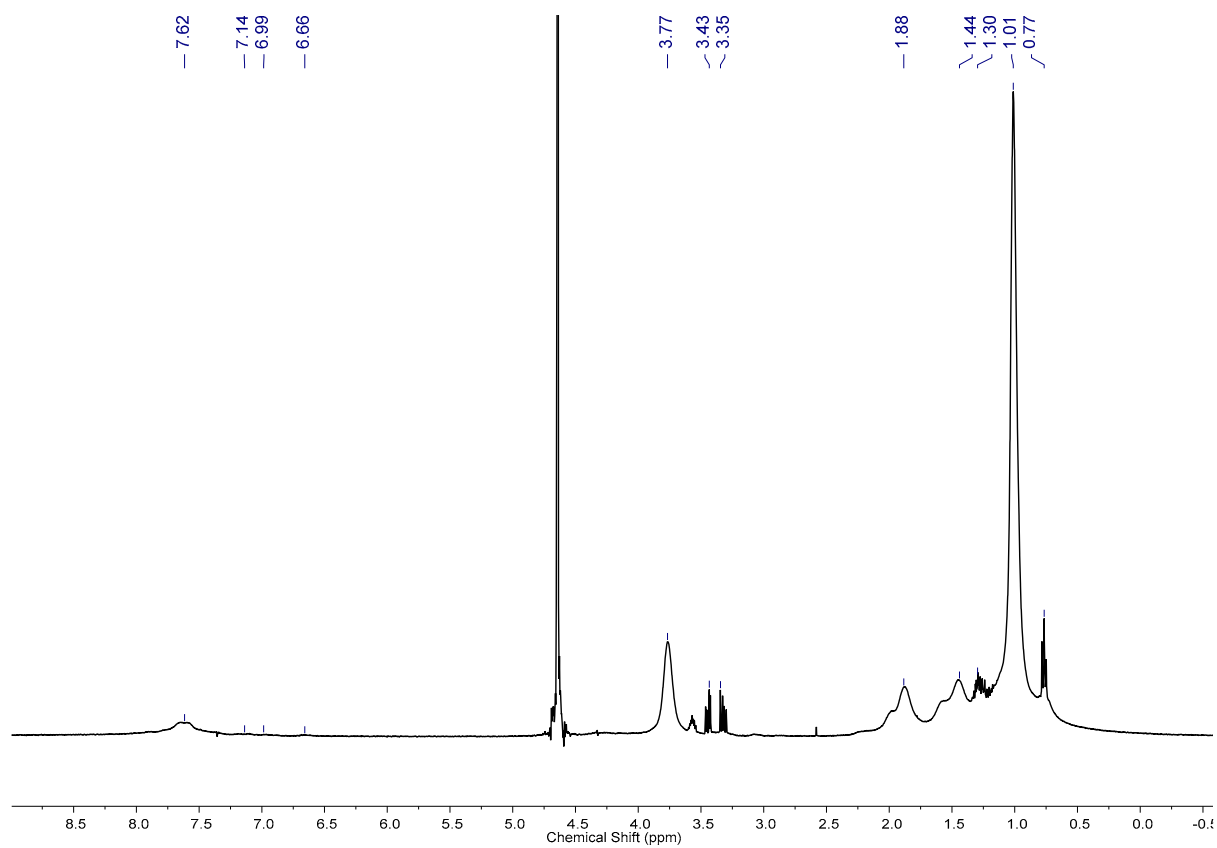
**Figure S4.** ATR spectrum of KER



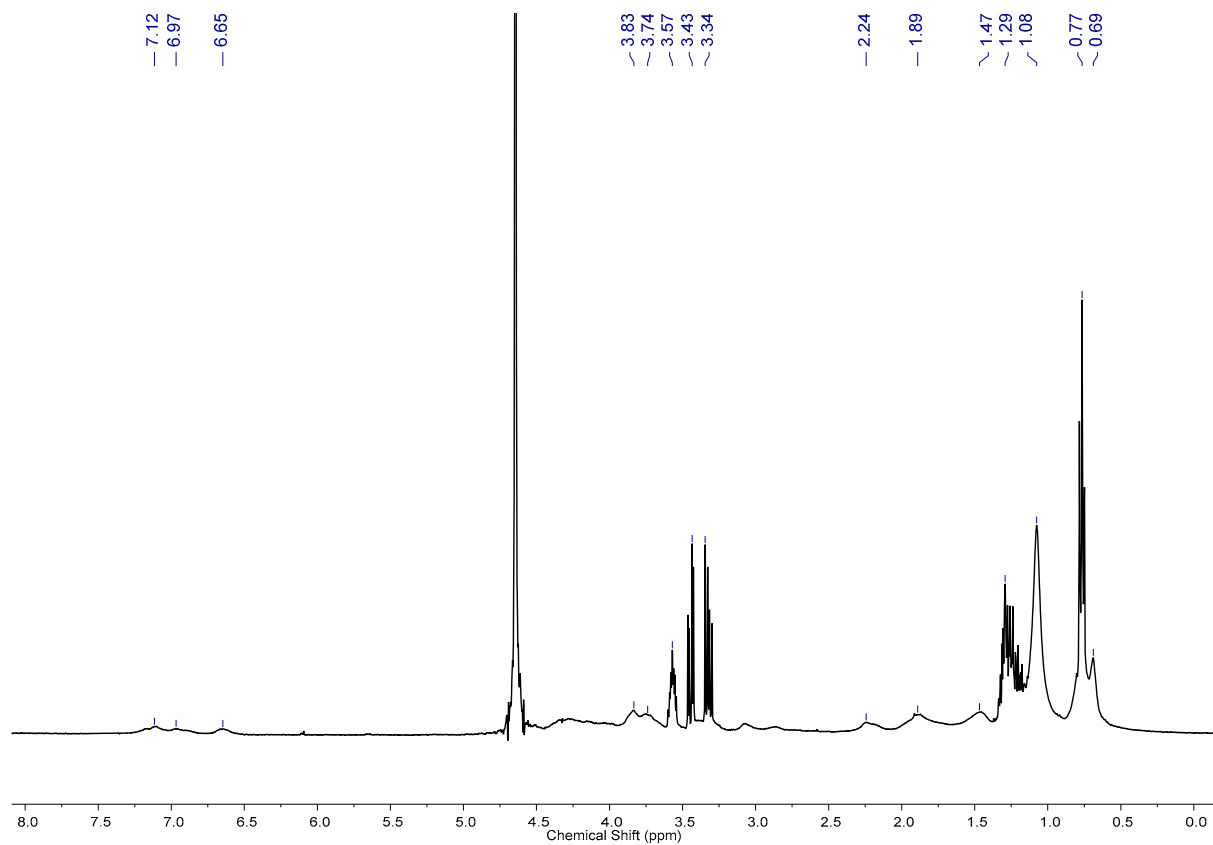
**Figure S5.**  $^1\text{H}$ -NMR spectrum of PNIPAM in  $\text{D}_2\text{O}$



**Figure S6.**  $^1\text{H}$ -NMR spectrum of HYB-P in  $\text{D}_2\text{O}$



**Figure S7.**  $^1\text{H}$ -NMR spectrum of HYB-M in  $\text{D}_2\text{O}$



**Figure S8.**  $^1\text{H}$ -NMR spectrum of KER in  $\text{D}_2\text{O}$